



## CONTENTS OF VOLUME 149

Vol. 149A, No. 1

### Appreciation list

- 1 In Appreciation

### General papers

- |   |    |   |
|---|----|---|
| L. De Vera, A. Santana, E. Pereda and J.J. Gonzalez   | 11 | Autonomic mediation in the interdependences between cardiocortical activity time variations and between cardiorespiratory activity time variations in the lizard, <i>Gallotia galloti</i>   |
| H. Lemieux, P.U. Blier and J.-C. Tardif   | 20 | Does membrane fatty acid composition modulate mitochondrial functions and their thermal sensitivities?  |
| S.L. Parker, L.A. Lindsay, J.F. Herbert, C.R. Murphy and M.B. Thompson  | 30 | Expression and localization of $\text{Ca}^{2+}$ -ATPase in the uterus during the reproductive cycle of king quail ( <i>Coturnix chinensis</i> ) and zebra finch ( <i>Poephila guttata</i> ) |
| S. Nain, B. Ling, J. Alcorn, C.M. Wojnarowicz, B. Laarveld and A.A. Olkowski  | 36 | Biochemical factors limiting myocardial energy in a chicken genotype selected for rapid growth  |
| I. Herichová, J. Monošíková and M. Zeman  | 44 | Ontogeny of melatonin, <i>Per2</i> and <i>E4bp4</i> light responsiveness in the chicken embryonic pineal gland  |
| D. Carlson, J. Sehested, Z. Feng and H.D. Poulsen   | 51 | Serosal zinc attenuate serotonin and vasoactive intestinal peptide induced secretion in piglet small intestinal epithelium <i>in vitro</i>  |
| L. Buckup, B.K. Dutra, F.P. Ribarcki, F.A. Fernandes, C.K. Noro, G.T. Oliveira and A.S. Vinagre                           | 59 | Seasonal variations in the biochemical composition of the crayfish <i>Parastacus defossus</i> (Crustacea, Decapoda) in its natural environment  |
| D.E. Strohlic and L.M. Romero   | 68 | The effects of chronic psychological and physical stress on feather replacement in European starlings ( <i>Sturnus vulgaris</i> )   |
| P. Enes, S. Panserat, S. Kaushik and A. Oliva-Teles   | 80 | Hepatic glucokinase and glucose-6-phosphatase responses to dietary glucose and starch in gilthead sea bream ( <i>Sparus aurata</i> ) juveniles reared at two temperatures                   |
| A. Margalida, J.J. Negro and I. Galván  | 87 | Melanin-based color variation in the Bearded Vulture suggests a thermoregulatory function   |
| J.M. Mancera, L. Vargas-Chacoff, A. García-López, A. Kleszczyńska, H. Kalamarz, G. Martínez-Rodríguez and E. Kulczykowska | 92 | High density and food deprivation affect arginine vasotocin, isotocin and melatonin in gilthead sea bream ( <i>Sparus auratus</i> )   |
| V. van Ginneken, K. Coldenhoff, R. Boot, J. Hollander, F. Lefeber and G. van den Thillart                                 | 98 | Depletion of high energy phosphates implicates post-exercise mortality in carp and trout; an <i>in vivo</i> $^{31}\text{P}$ -NMR study  |

- I Call for Papers: 6th ISFE 2008
- II Call for Papers: SEB Annual Main Meeting, Marseille - 2008

*Vol. 149A, No. 2*

Review

H. Kaiya, M. Miyazato, K. Kangawa,  
R.E. Peter and S. Unniappan

- 109 Ghrelin: A multifunctional hormone in non-mammalian vertebrates

General papers

A.-I. Jiang, J. Lin and C.-h. Wang

- 129 Physiological energetics of the ascidian *Styela clava* in relation to body size and temperature

F. Ayala-Guerrero and G. Mexicano

- 137 Topographical distribution of the locus coeruleus and raphe nuclei in the lizard *Ctenosaura pectinata*: Functional implications on sleep

J. Hummel, P. Steuer, K.-H. Südekum,  
S. Hammer, C. Hammer, W.J. Streich and  
M. Clauss

- 142 Fluid and particle retention in the digestive tract of the addax antelope (*Addax nasomaculatus*)—Adaptations of a grazing desert ruminant

Y. Luo and X. Xie

- 150 Effects of temperature on the specific dynamic action of the southern catfish, *Silurus meridionalis*

M.E. Atkins and T.J. Benfey

- 157 Effect of acclimation temperature on routine metabolic rate in triploid salmonids

F.E. Maciel, M.A. Geihs, M.A. Vargas,  
B.P. Cruz, B.P. Ramos, O. Vakkuri,  
V.B. Meyer-Rochow, L.E. Maia Nery and  
S. Allodi

- 162 Daily variation of melatonin content in the optic lobes of the crab *Neohelice granulata*

C.-M. Wen, Y.-H. Cheng, Y.-F. Huang and  
C.-S. Wang

- 167 Isolation and characterization of a neural progenitor cell line from tilapia brain

L.B. Martin, E.M. Johnson, C.R. Hutch and  
R.J. Nelson

- 181 6-MBOA affects testis size, but not delayed-type hypersensitivity, in white-footed mice (*Peromyscus leucopus*)

M. Kotula-Balak, R. Zielińska, J. Glogowski,  
R.K. Kowalski, B. Sarosiek and B. Bilińska

- 188 Aromatase expression in testes of XY, YY, and XX rainbow trout (*Oncorhynchus mykiss*)

N. Palgi, H. Taleisnik and B. Pinshow

- 197 Elimination of oxalate by fat sand rats (*Psammomys obesus*): Wild and laboratory-bred animals compared

A.R. Lennox and A.E. Goodship

- 203 Polar bears (*Ursus maritimus*), the most evolutionary advanced hibernators, avoid significant bone loss during hibernation

B. Speers-Roesch, Y.K. Ip and  
J.S. Ballantyne

- 209 Plasma non-esterified fatty acids of elasmobranchs: Comparisons of temperate and tropical species and effects of environmental salinity

N. Varo and J.A. Amat

- 217 Differences in food assimilation between two coot species assessed with stable isotopes and particle size in faeces: Linking physiology and conservation

- I Call for Papers: 6th ISFE 2008
- II Call for Papers: SEB Annual Main Meeting, Marseille - 2008

## Vol. 149A, No. 3

Reviews

- C.A. Loretz 225 Extracellular calcium-sensing receptors in fishes
- G. Lavery and E. Skadhauge 246 Adaptive strategies for post-renal handling of urine in birds

General papers

- A.S. Zolotarev, M. Unnikrishnan, B.E. Shmukler, J.S. Clark, D.H. Vandorpe, N. Grigorieff, E.J. Rubin and S.L. Alper 255 Increased sulfate uptake by *E. coli* overexpressing the SLC26-related SulP protein Rv1739c from *Mycobacterium tuberculosis*
- J. Nesovic-Ostojic, D. Cemerikic, S. Dragovic, A. Milovanovic and J. Milovanovic 267 Low micromolar concentrations of cadmium and mercury ions activate peritubular membrane K<sup>+</sup> conductance in proximal tubular cells of frog kidney
- P.B. Nilsson, T.E. Hollmén, S. Atkinson, K.L. Mashburn, P.A. Tuomi, D. Esler, D.M. Mulcahy and D.J. Rizzolo 275 Effects of ACTH, capture, and short term confinement on glucocorticoid concentrations in harlequin ducks (*Histrionicus histrionicus*)
- K.A. Sloman, M. Mandic, A.E. Todgham, N.A. Fangue, P. Subrt and J.G. Richards 284 The response of the tidepool sculpin, *Oligocottus maculosus*, to hypoxia in laboratory, mesocosm and field environments
- T. Matsumoto, K. Yamano, M. Kitamura and A. Hara 293 Ovarian follicle cells are the site of vitellogenin synthesis in the Pacific abalone *Haliotis discus hannai*
- T. Łapucki and M. Normant 299 Physiological responses to salinity changes of the isopod *Idotea chelipes* from the Baltic brackish waters
- M. Iwasaki and C. Katagiri 306 Cuticular lipids and odors induce sex-specific behaviors in the male cricket *Gryllus bimaculatus*
- E.M. Santos, P. Kille, V.L. Workman, G.C. Paull and C.R. Tyler 314 Sexually dimorphic gene expression in the brains of mature zebrafish
- Md.S.I. Khan, Y. Nakano, T. Tachibana and H. Ueda 325 Nitric oxide synthase inhibitor attenuates the anorexigenic effect of corticotropin-releasing hormone in neonatal chicks
- C.Y. Choi, K.W. An and M.I. An 330 Molecular characterization and mRNA expression of glutathione peroxidase and glutathione S-transferase during osmotic stress in olive flounder (*Paralichthys olivaceus*)

Corrigenda

- A. Margalida, J.J. Negro and I. Galván 338 Corrigendum to "Melanin-based color variation in the Bearded Vulture suggests a thermoregulatory function" [Comp. Biochem. Physiol. 149A (2008) 87–91]
- K.L. Dunlap, A.J. Reynolds, G. Tosini, W.W. Kerr and L.K. Duffy 339 Corrigendum to "Seasonal and diurnal melatonin production in exercising sled dogs" [Comp. Biochem. Physiol. 147B (2007) 863–867]

## Vol. 149A, No. 4

General papers

- G. Mitra, P.K. Mukhopadhyay and S. Ayyappan 341 Modulation of digestive enzyme activities during ontogeny of *Labeo rohita* larvae fed ascorbic acid enriched zooplankton
- S. Lee, M. Nalini and Y. Kim 351 A viral lectin encoded in *Cotesia plutellae* bracovirus and its immunosuppressive effect on host hemocytes
- Č. Lucu, J. Pavičić, D. Ivanković, D. Pavičić-Hamer and M. Najdek 362 Changes in Na<sup>+</sup>/K<sup>+</sup>-ATPase activity, unsaturated fatty acids and metallothioneins in gills of the shore crab *Carcinus aestuarii* after dilute seawater acclimation



<b>H. Solís-Chagoyán, L. Mendoza-Vargas and B. Fuentes-Pardo</b>	373	Melatonin modulates the ERG circadian rhythm in crayfish
<b>E.J. Eliason, D.A. Higgs and A.P. Farrell</b>	380	Postprandial gastrointestinal blood flow, oxygen consumption and heart rate in rainbow trout ( <i>Oncorhynchus mykiss</i> )
<b>R.W. Rosebrough, B.A. Russell and M.P. Richards</b>	389	Short term changes in the expression of lipogenic genes in broilers ( <i>Gallus gallus</i> )
<b>R. Waagbø, C.D. Hosfeld, S. Fivelstad, P.A. Olsvik and O. Breck</b>	396	The impact of different water gas levels on cataract formation, muscle and lens free amino acids, and lens antioxidant enzymes and heat shock protein mRNA abundance in smolting Atlantic salmon, <i>Salmo salar</i> L.
<b>M.A. Cline, C.N. Bowden, W. Nandar and J.O. Rogers</b>	405	Central oxyntomodulin causes anorexigenic effects associated with the hypothalamus and alimentary canal in chicks ( <i>Gallus gallus</i> )
<b>S. Klein and R. Grossmann</b>	411	Galanin immunoreactivity increased in chicken supraoptic neurons after activation of the vasotocin system at oviposition
<b>M. Furné, M. García-Gallego, M.C. Hidalgo, A.E. Morales, A. Domezain, J. Domezain and A. Sanz</b>	420	Effect of starvation and refeeding on digestive enzyme activities in sturgeon ( <i>Acipenser naccarii</i> ) and trout ( <i>Oncorhynchus mykiss</i> )
<b>C. Pape, M. Teschke and B. Meyer</b>	426	Melatonin and its possible role in mediating seasonal metabolic changes of Antarctic krill, <i>Euphausia superba</i>
<b>C.A. Freire, E.M. Amado, L.R. Souza, M.P.T. Veiga, J.R.S. Vitule, M.M. Souza and V. Prodocimo</b>	435	Muscle water control in crustaceans and fishes as a function of habitat, osmoregulatory capacity, and degree of euryhalinity

I Contents of Volume 149

V Subject Index

VII Author Index

# SUBJECT INDEX

Vol. 149A, Nos. 1-4

- A2B5, 167
- Abalone, 293
- Acidosis, 98
- Acipenser naccarii*, 420
- ACTH, 275
- Adrenal function, 275
- Agonistic behavior, 306
- Alfalfa, 197
- Alkaline phosphatase, 51
- Alkaline phosphatase activity, 341
- Amphibians, 109
- Amylase, 341, 420
- Anaerobic metabolism, 98
- Anisomotic extracellular regulation, 435
- Antarctic krill, 426
- Antioxidants, 396
- Appetite, 405
- Aquatic surface respiration, 284
- Arginine vasotocin, 92, 411
- Aromatase, 188
- Ascorbic acid, 341
- Autonomic nervous system, 11
- Avian lower intestine, 246
- Baltic Sea, 299
- Barium, 267
- Bearded Vulture, 87
- Biochemical composition, 59
- Birds, 68, 109
- Bmall*, 44
- Bone turnover, 203
- Brain, 109, 314
- Broiler, 36
- Broilers, 389
- Browser, 142
- Burst activity, 98
- Cadmium, 267
- Calcium, 197
- Calcium homeostasis, 225
- Calcium transport, 30
- Carbohydrate metabolism, 59
- Carbohydrates, 80
- Carbon dioxide, 396
- Carp, 98, 341
- Cataract, 396
- Cell membrane K<sup>+</sup> selectivity, 267
- Cell membrane potential, 267
- Cell size, 157
- Chemoreception, 306
- Chick, 405
- Chicken, 389
- Chronic stress, 68
- Circadian, 44
- Circadian rhythm, 373
- Circadian variation, 162
- Climate conditions, 87
- Cloaca, 246
- Clock, 44
- Coconut oil, 20
- Collapse, 98
- Connexin, 167
- Copper, 51
- Corticosterone, 68, 275
- Corticotropin-releasing hormone, 325
- Cotesia plutellae*, 351
- Cottidae, 284
- CpBV, 351
- Crab, 162
- Crayfish, 59, 373
- Creatine kinase, 98
- Crickets, 306
- Crustacean, 162, 435
- Ctenosaura pectinata*, 137
- Daily variation, 162
- Danio rerio*, 314
- Diarrhoea, 51
- Diet, 197
- Digestion, 380
- Digestive enzymes, 420
- Digestive physiology, 142
- Disuse osteopenia, 203
- Domestic fowl, 246
- DTH, 181
- E. coli*, 255
- Eggshell, 30
- Elasmobranch, 225
- Elasmobranch fish, 209
- Electron transport system, 20
- Electroretinogram, 373
- ELISA, 426
- Emergence, 284
- Emu (*Dromaius novae-hollandiae*), 246
- Encapsulation, 351
- Energy budget, 129
- Energy metabolism, 36, 98
- Energy status, 98
- Entrainment, 44
- Environmental adaptation, 203
- Evolution, 203
- Excretion, 197
- Exercise, 98
- Extracellular calcium-sensing receptor, 225
- Faecal particle size, 217
- Fat sand rats, 197
- Fatty acids, 362
- Feeding, 325
- Fish, 109, 225, 435
- Fish oil, 20
- Follicle cells, 293
- Food assimilation efficiency, 217
- Food deprivation, 92
- Food intake, 109, 142
- Food restriction, 68
- Frog kidney, 267
- G protein-coupled receptor, 225
- Galanin, 411
- Gallus gallus*, 405
- Gene expression, 80
- Gene expression profiles, 314
- Genome size, 157
- GFAP, 167
- Ghrelin, 109
- Gills, 362
- Gilthead sea bream, 80, 92
- Glucocorticoids, 275
- Glucokinase, 80
- Glucose-6-phosphatase, 80
- Glutamine synthetase, 167
- Glutathione peroxidase, 330
- Glutathione S-transferase, 330
- Grazer, 142
- Growth efficiency, 129
- Gryllus bimaculatus*, 306
- Gut, 109
- Gut blood flow, 380
- Gypaetus barbatus*, 87
- Harlequin duck, 275
- Heart failure, 36
- Heat dissipation, 299
- Heat increment, 380
- Heat shock protein, 396
- Herbivorous birds, 217
- Hibernation, 203
- High density, 92

## Subject Index

- Histidine, 396
- Homogametic males, 188
- Hormones, 109
- HPLC, 426
- Hypothalamo-neurohypophysial system, 411
- Hypothalamus, 405
  
- ICV, 405
- Idotea chelipes*, 299
- Immune, 351
- Immunohistochemistry, 188
- Implant, 68
- Ingesta passage, 142
- Insect, 306
- Intertidal, 284
- Intracellular pH, 98
- Intracerebroventricular injection, 325
- Intraspecific variation, 87
- Isosmotic intracellular regulation, 435
- Isothermal calorimetry, 299
- Isotocin, 92
  
- Kookaburra (*Dacelo gigas*), 246
  
- Lipase, 341, 420
- Lipid metabolism, 59
- Lipids, 209
- Lipogenic genes, 389
- Liver, 98
- Locus coeruleus, 137
  
- M. bovis*, 255
- Mating behavior, 306
- Mean retention time, 142
- Mechanical unloading, 203
- Mediterranean wetlands, 217
- Melatonin, 92, 162, 181, 373, 426
- Melatonin receptors, 373
- Membrane fatty acid composition, 20
- Mercury, 267
- Metabolic rate, 299
- Metabolic reduction, 426
- Metabolism, 157
- Metallothionein, 51
- Metallothioneins, 362
- Microarray, 314
- MO<sub>2</sub>, 380
- Mollusk, 293
- Molt, 68
- mRNA transcription, 396
- Multivariate analysis, 11
- Muscle hydration, 435
- Mycobacterium tuberculosis*, 255
  
- n*-3/*n*-6 ratio, 209
- Na<sup>+</sup>+K<sup>+</sup>-ATPase, 362
  
- Nasal salt gland, 246
- Neohelice granulata*, 162
- Neonatal chicks, 325
- Neuropeptide Y, 325
- N*<sup>G</sup>-nitro-L-arginine methyl ester, 325
- Nitric oxide, 325
- Non-esterified fatty acids, 209
- Nonlinear analysis, 11
  
- Oligodendrocyte, 167
- Olive flounder, 330
- Olive oils, 20
- Oncorhynchus mykiss*, 420
- Oncorhynchus mykiss* Walbaum, 188
- Ontogeny, 341
- Optic lobes, 162
- Osmoregulation, 225, 246, 299, 435
- Osmotic stress, 330
- Osteoporosis, 203
- Ostrich (*Struthio camelus*), 246
- Oviparity, 30
- Oxalate, 197
- Oxalobacter, 197
- β-oxidation, 36
- Oxygen, 396
- Oxyntomodulin, 405
  
- <sup>31</sup>P-NMR, 98
- Pacemaker, 44
- Parastacidae, 59
- Parastacus defossus*, 59
- Peptides, 109
- Pharmacological blockade, 11
- Phase dependence, 44
- Pheromone, 306
- Photoperiod, 162, 181, 426
- Physiological constraints, 217
- Physiological energetics, 129
- Piglet, 51
- Plasma, 209
- Plutella xylostella*, 351
- Polar bear, 203
- Polydnavirus, 351
- Probuco, 20
- Protease, 341, 420
- Protein expression, 30
- Proteins, 59
- Proximal tubule, 267
  
- Rainbow trout, 380
- Raphe nuclei, 137
- Rat heart, 20
- Refeeding, 420
- REM sleep, 137
- Reproduction, 181, 411
- Reproductive cycle, 30
- Reptiles, 11, 109
  
- Salinity, 299
- Salinity acclimation, 209
- Salinity change, 330
- Saltbush, 197
- Satiety, 405
- Scope for growth, 129
- Sea ducks, 275
- Seasonal, 181
- Seasonality, 59, 426
- Selectivity factor, 142
- Sex, 314
- Shore crab, 362
- Silurus meridionalis*, 150
- SLC26A6, 255
- Slow wave sleep, 137
- Sodium coupled transport, 267
- SON, 411
- Specific dynamic action, 150, 380
- Stable isotopes, 217
- Starvation, 420
- Stress, 68, 92, 275
- Styela clava*, 129
- Sulfate transport, 255
- SulP, 255
- Synchronizer, 373
  
- Telemetry, 11
- Teleost, 225
- Teleostean fish, 188
- Temperate, 209
- Temperature, 80, 150
- Temperature tolerance, 157
- Testes, 188
- Thermal optimum, 157
- Thermal sensitivity, 20
- Thermoregulatory role, 87
- Triploidy, 157
- Tropical, 209
- Trout, 98
- Tyrosine hydroxylase, 167
  
- Ussing chamber, 51
  
- Variability time series, 11
- Viral lectin, 351
- Vitellin, 293
- Vitellogenin, 293
  
- Waterbirds, 217
- Weaning, 51
- White muscle, 98
  
- Zinc, 51



# AUTHOR INDEX

*Vol. 149A, Nos. 1-4*

- Alcorn, J., 36  
Allodi, S., 162  
Alper, S.L., 255  
Amado, E.M., 435  
Amat, J.A., 217  
An, K.W., 330  
An, M.I., 330  
Atkins, M.E., 157  
Atkinson, S., 275  
Ayala-Guerrero, F., 137  
Ayyappan, S., 341
- Ballantyne, J.S., 209  
Benfey, T.J., 157  
Bilińska, B., 188  
Blier, P.U., 20  
Boot, R., 98  
Bowden, C.N., 405  
Breck, O., 396  
Buckup, L., 59
- Carlson, D., 51  
Cemerikic, D., 267  
Cheng, Y.-H., 167  
Choi, C.Y., 330  
Clark, J.S., 255  
Clauss, M., 142  
Cline, M.A., 405  
Coldenhoff, K., 98  
Cruz, B.P., 162
- De Vera, L., 11  
Domezain, A., 420  
Domezain, J., 420  
Dragovic, S., 267  
Duffy, L.K., 339  
Dunlap, K.L., 339  
Dutra, B.K., 59
- Eliason, E.J., 380  
Enes, P., 80  
Esler, D., 275
- Fangue, N.A., 284  
Farrell, A.P., 380  
Feng, Z., 51  
Fernandes, F.A., 59  
Fivelstad, S., 396
- Freire, C.A., 435  
Fuentes-Pardo, B., 373  
Furné, M., 420
- Galván, I., 87, 338  
García-Gallego, M., 420  
García-López, A., 92  
Geihs, M.A., 162  
Glogowski, J., 188  
Gonzalez, J.J., 11  
Goodship, A.E., 203  
Grigorieff, N., 255  
Grossmann, R., 411
- Hammer, C., 142  
Hammer, S., 142  
Hara, A., 293  
Herbert, J.F., 30  
Herichová, I., 44  
Hidalgo, M.C., 420  
Higgs, D.A., 380  
Hollander, J., 98  
Hollmén, T.E., 275  
Hosfeld, C.D., 396  
Huang, Y.-F., 167  
Hummel, J., 142  
Hutch, C.R., 181
- Ip, Y.K., 209  
Ivanković, D., 362  
Iwasaki, M., 306
- Jiang, A.-I., 129  
Johnson, E.M., 181
- Kaiya, H., 109  
Kalamarz, H., 92  
Kangawa, K., 109  
Katagiri, C., 306  
Kaushik, S., 80  
Kerr, W.W., 339  
Khan, Md.S.I., 325  
Kille, P., 314  
Kim, Y., 351  
Kitamura, M., 293  
Klein, S., 411  
Kleszczyńska, A., 92  
Kotula-Balak, M., 188
- Kowalski, R.K., 188  
Kulczykowska, E., 92
- Laarveld, B., 36  
Łapucki, T., 299  
Lavery, G., 246  
Lee, S., 351  
Lefebvre, F., 98  
Lemieux, H., 20  
Lennox, A.R., 203  
Lin, J., 129  
Lindsay, L.A., 30  
Ling, B., 36  
Loretz, C.A., 225  
Lucu, Č., 362  
Luo, Y., 150
- Maciel, F.E., 162  
Maia Nery, L.E., 162  
Mancera, J.M., 92  
Mandic, M., 284  
Margalida, A., 87, 338  
Martin, L.B., 181  
Martínez-Rodríguez, G., 92  
Mashburn, K.L., 275  
Matsumoto, T., 293  
Mendoza-Vargas, L., 373  
Mexicano, G., 137  
Meyer, B., 426  
Meyer-Rochow, V.B., 162  
Milovanovic, A., 267  
Milovanovic, J., 267  
Mitra, G., 341  
Miyazato, M., 109  
Monošiková, J., 44  
Morales, A.E., 420  
Mukhopadhyay, P.K., 341  
Mulcahy, D.M., 275  
Murphy, C.R., 30
- Nain, S., 36  
Najdek, M., 362  
Nakano, Y., 325  
Nalini, M., 351  
Nandar, W., 405  
Negro, J.J., 87, 338  
Nelson, R.J., 181  
Nesovic-Ostojic, J., 267

# Author Index

- Nilsson, P.B., 275  
 Normant, M., 299  
 Noro, C.K., 59  
  
 Oliva-Teles, A., 80  
 Oliveira, G.T., 59  
 Olkowski, A.A., 36  
 Olsvik, P.A., 396  
  
 Palgi, N., 197  
 Panserat, S., 80  
 Pape, C., 426  
 Parker, S.L., 30  
 Paull, G.C., 314  
 Pavičić, J., 362  
 Pavičić-Hamer, D., 362  
 Pereda, E., 11  
 Peter, R.E., 109  
 Pinshow, B., 197  
 Poulsen, H.D., 51  
 Prodocimo, V., 435  
  
 Ramos, B.P., 162  
 Reynolds, A.J., 339  
 Ribarcki, F.P., 59  
 Richards, J.G., 284  
 Richards, M.P., 389  
 Rizzolo, D.J., 275  
 Rogers, J.O., 405  
 Romero, L.M., 68  
 Rosebrough, R.W., 389  
  
 Rubin, E.J., 255  
 Russell, B.A., 389  
  
 Santana, A., 11  
 Santos, E.M., 314  
 Sanz, A., 420  
 Sarosiek, B., 188  
 Sehested, J., 51  
 Shmukler, B.E., 255  
 Skadhauge, E., 246  
 Sloman, K.A., 284  
 Solís-Chagoyán, H., 373  
 Souza, L.R., 435  
 Souza, M.M., 435  
 Speers-Roesch, B., 209  
 Steuer, P., 142  
 Streich, W.J., 142  
 Strohlic, D.E., 68  
 Subrt, P., 284  
 Südekum, K.-H., 142  
  
 Tachibana, T., 325  
 Taleisnik, H., 197  
 Tardif, J.-C., 20  
 Teschke, M., 426  
 Thompson, M.B., 30  
 Todgham, A.E., 284  
 Tosini, G., 339  
 Tuomi, P.A., 275  
 Tyler, C.R., 314  
  
 Ueda, H., 325  
 Unniappan, S., 109  
 Unnikrishnan, M., 255  
  
 Vakkuri, O., 162  
 van den Thillart, G., 98  
 van Ginneken, V., 98  
 Vandorpe, D.H., 255  
 Vargas, M.A., 162  
 Vargas-Chacoff, L., 92  
 Varo, N., 217  
 Veiga, M.P.T., 435  
 Vinagre, A.S., 59  
 Vitule, J.R.S., 435  
  
 Waagbø, R., 396  
 Wang, C.-h., 129  
 Wang, C.-S., 167  
 Wen, C.-M., 167  
 Wojnarowicz, C.M., 36  
 Workman, V.L., 314  
  
 Xie, X., 150  
  
 Yamano, K., 293  
  
 Zeman, M., 44  
 Zielińska, R., 188  
 Zolotarev, A.S., 255